

APRIL/MAY 2023

BCS61 — CLOUD COMPUTING

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Define Cloud Computing.
2. Write a note on Cloud Storage.
3. List out the different types of Cloud Service Development.
4. What is meant Platform as a Service?
5. Define Centralizing Email Communications.
6. Give an overview on Collaborating on To-Do Lists.
7. Define Map Reduce Concept.
8. What is Iterative Map Reduce?
9. Define Risk Management.
10. What is Autonomic Security?

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Enumerate in detail about Sharing Resources in Peer-to-Peer Computing.

Or

- (b) Write the advantages and disadvantages in Cloud Computing.

12. (a) Elaborate on advantages and disadvantages of Cloud Development.

Or

- (b) Explain Google App Engine with its Architecture.

13. (a) Summarize on Communicating Across the Community with example.

Or

- (b) List out various types of Collaborating Schedules with example.

14. (a) Elaborate on Twister Programming Model with neat diagram.

Or

- (b) Summarize on Hadoop Architecture.

15. (a) Illustrate on Security/Monitoring with example.

Or

- (b) Illuminate in detail about Application Security with example.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Summarize on Understanding Cloud Architecture with example.

17. Characterize in detail about IBM in Cloud Services Development Services and Tools with neat diagram.

18. Elaborate Collaborating on Task Management with example.

19. Discuss on Open Nebula in Cloud Software Environment with neat diagram.

20. Write a brief note on Security Architecture Design with example.